

## ABSTRACT

403720 "TECHNICAL  
5 A neighboring base station information update  
method etc. is provided that appropriately updates and  
sets information about neighboring base stations,  
which is sent from a base station to a mobile station.  
The mobile station captures from a received perch  
channel, base station information about the base  
station that transmits the perch channel, and  
10 transmits the base station information to a base  
station. The base station receives the base station  
information, and updates the neighboring base station  
information in accordance with the base station  
information. For example, the perch channel is spread  
15 into a wideband using a spreading code with a rate  
higher than an information rate, and in addition, is  
doubly spread using a first spreading code set that  
has a cycle period equal to an information symbol  
period and is common to all the base stations, and a  
20 second spreading code that has a cycle period longer  
than the information symbol period and differs from  
base station to base station. The base station  
information consists of a second spreading code number  
used by the base station and phase information about  
25 the second spreading code. According to the present  
invention, the inter-base station asynchronous system  
can implement fast cell search comparable to that of

the inter-base station synchronous system in the  
standby mode and soft handover mode.